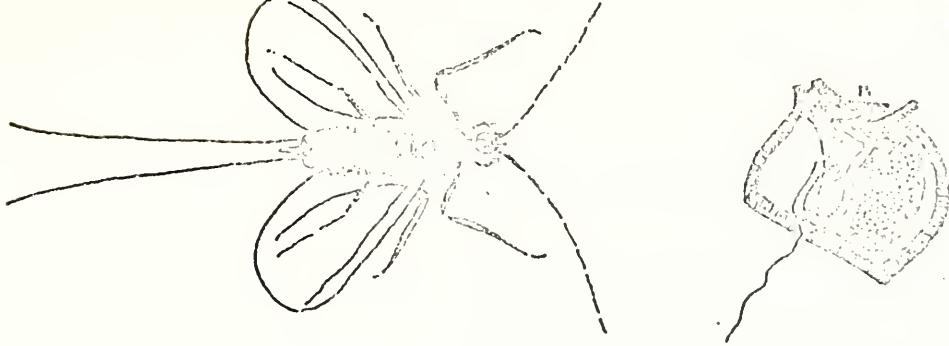


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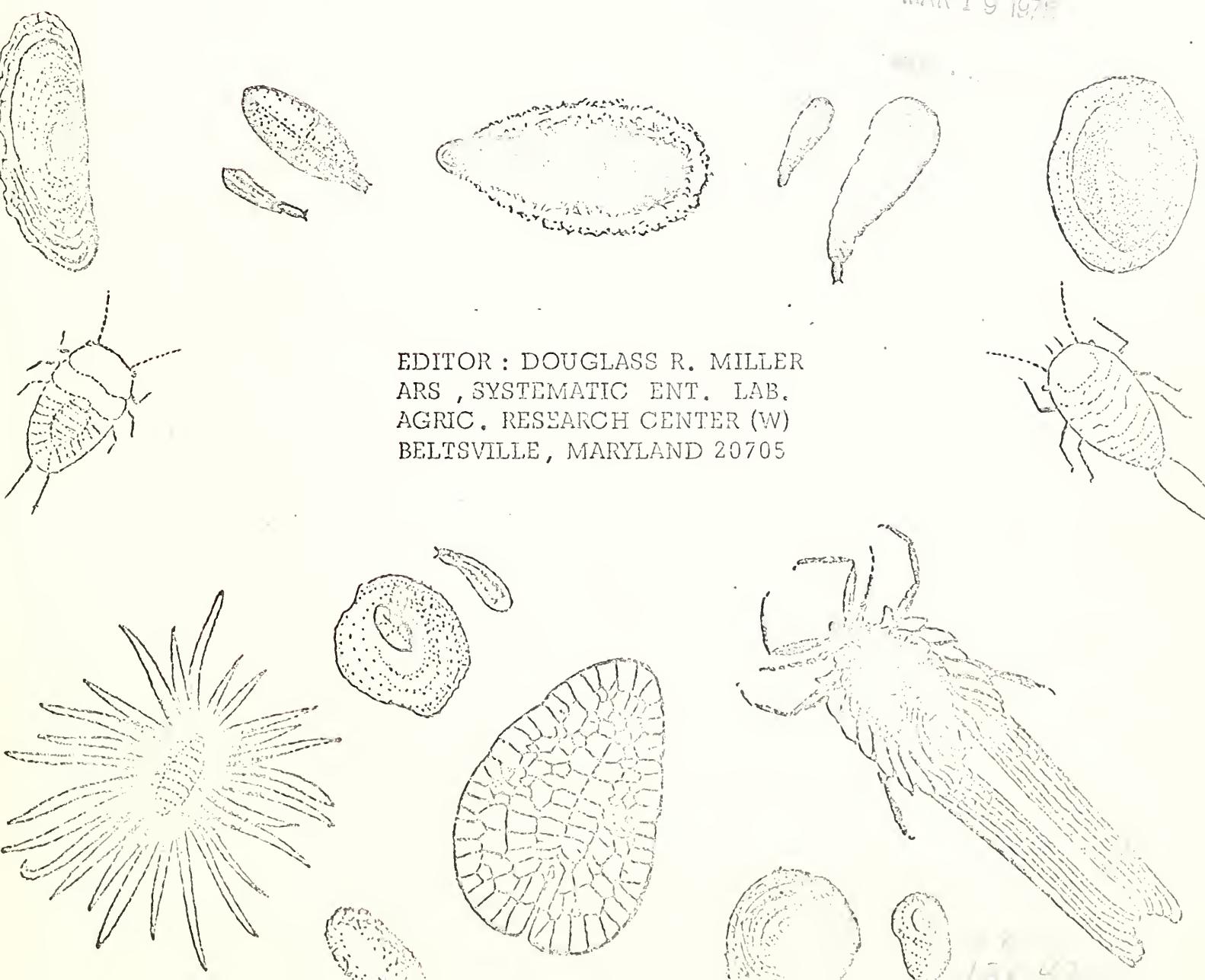
COCCIDIOLOGISTS

NEWSLETTER

U. S. DEPT. OF AGRICULTURE

MAR 19 1975

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AGRIC. RESEARCH CENTER (W)
BELTSVILLE, MARYLAND 20705



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COCCIDIOLOGY NEWSLETTER

At last I have finally compiled the information derived from the coccidology newsletter questionnaires. Undoubtedly you will find errors which will need correction. Please bring these to my attention and I will do my best to see to it that they are changed in the list. Also you will note that several coccidologists are not included. The reason for this is because I have not received a response to the newsletter questionnaire. In case there may have been a mix-up in communications, I have sent a second form along with the first edition of the newsletter. I am hopeful that those who have been deleted will respond to the second questionnaire so that our list will be as complete as possible.

The list includes for each coccidologist the following information:

- (a) general interests, (b) scale family or families of primary interest,
- (c) genera, species complexes, or species of primary interest, (d) zoological area or country of primary interest.

I would like to take this opportunity to thank John Davidson, University of Maryland, and Michael Kosztarab, Virginia Polytechnic Institute and State University, for their help in the duplication and mailing of this newsletter.

List of Workers in the Coccoidea

1. Dr. Man Mohan Agarwal, Department of Zoology, Aligarh Muslim University, Aligarh (U.P.), India (a) biological control, (b), (c), (d) no restrictions.
2. Rafiq Ahmad, Entomologist, Commonwealth Institute of Biological Control, Sargento Rolando 529, cc481, Bariloche, Argentina (a) biological control, (b), (c), (d) no restrictions.
3. Dr. S. M. Alam, Department of Zoology, Aligarh Muslim University, Aligarh (U.P.), India (a) biological control, (b), (c), (d) no restrictions.
4. Dr. S. Mohammad Ali, Zoological Survey of India, 8, Lindsay Street, Calcutta-16, India (a) systematics, effects of scales on host, (b) Pseudococcidae, Coccidae, (c) all pseudoccids except Rhizoecini, tribe Pulvinariini, (d) Oriental Region-India.
5. Dr. Abd-Errahman Houssein Amin, Department of Plant Protection, College of Agriculture, University of Ain Shams Soubia El-Kheinie, Cairo, Egypt (a) chemical and biological control, life histories, (b), (c), (d) no restrictions.
6. Dr. James E. Appleby, Associate Entomologist, 163 Natural Resources Building, Illinois Natural History Survey, Urbana, Illinois 61801 (a) biological and chemical control, life histories, systematics, (b), (c) Coccoidea pests of trees and shrubs, (d) U.S.
7. Professor Dr. A. S. Balachowsky, Directeur, Laboratoire d'Entomologie General et Appliquee, Museum National D'Histoire Naturelle, 45 bis Rue Buffon, Paris, (5) France.
8. Dr. H. J. Banks, CSIRO, Division of Entomology, P. O. Box 109, Canberra City, ACT 2601, Australia (a) chemical constituents (particularly pigments), systematics, (b) Margarodidae, (c), (d), no restrictions.
9. Dr. John W. Beardsley, Department of Entomology, University of Hawaii, 2500 Dole Street, Room 23, Honolulu, Hawaii 96822 (a) systematics, life histories, male morphology, palaeontology, zoogeography, biological control, (b) Pseudococcidae and Margarodidae, (c) Dysmicoccus brevipes complex, Nipaecoccus nipae complex, Hawaiian endemic pseudococcids, (d) Hawaii, Australia.
10. Ing. Agr. Oscar Beingolca Guerro, Sub-Director de Defensa Fitosanitaria, 10º Piso Edificio de Ministerio de Trabajo, s/nº Avenida Salaverry, Lima, Peru (a) systematics, biological and chemical control, life histories, (b) Ortheziidae, Diaspididae, Coccidae, (c) Orthezia, Heniberlesia, Aspidiotus, Selenaspis, Saissetia, (d) Neotropica.
11. Dr. C. Benassy, Station de Lutte Biologique, 37 Boulevard du Cap., 06 Antibes, France (a) biological and chemical control, systematics, biology and life histories, ecology, (b), (c) Diaspididae of fruit trees, stone fruits, and Citrus, (d) Mediterranean area and citrus areas.
12. Dr. Y. Ben-Dov, Plant Protection Research Institute, Private Bag 134, Pretoria, South Africa (a) systematics, life histories, control, (b) Coccidae, (c) Ceroptates, Bodenheimera, (d) Africa.

13. Dr. F. D. Bennett, Commonwealth Institute of Biological Control, Gordon Street, Curepe, Trinidad, West Indies (a) biological control, (b), (c) no restrictions, (d) Neotropical.
14. Mr. M. J. Berlinger, M.Sc. Agr., The Volcani Institute of Agricultural Research-Gilat Regional Experiment Station, Mobile Post Negev 2, Israel (a) no restrictions, (b) Pseudococcidae, (c) no restrictions, (d) Palearctic-Mediterranean.
15. Dr. Laurence Berlowitz, Associate Professor of Biology, Department of Biology, State University of New York, Buffalo, New York 14214 (a) genetics, cytology, Biochemistry, (b), (c) Lecanoidae, Iceryidae, (d) no restrictions.
16. Miss Ramona J. Beshear, University of Georgia College of Agriculture, Georgia Station, Experiment, Georgia 30212 (a) systematics, (b) Diaspididae, (c) no restrictions, (d) Southeastern U.S.
17. Miss J. A. de Boer, DSIR, Entomology Division, Private Bag, Nelson, New Zealand (a) systematics, biological control, life histories, (b) Pseudococcidae, Diaspididae, (c) no restrictions, (d) New Zealand.
18. Professor Dr. Cesare Bibolini, Instituto di Entomologia Agraria della Universita, Via San Michele, 2, 56100/Pisa, Italy (a) life histories, (b), (c) no restrictions, (d) Northern and Middle Italy.
19. Dr. Irena Bielenin, Institute of Applied Zoology, College of Agriculture, Al. Mickiewicza 24, Cracow, Poland (a) anatomy, histology, cytology, (b), (c), (d) no restrictions.
20. Dr. K. Boratynski, Imperial College, Zoology Department, Prince Consort Road, London, S.W. 7, England (a) systematics of males and other stages, bionomics, life histories, morphology, (b), (c) (d) no restrictions.
21. Dr. Russell C. Brachman, Department of Biology, Averett College, Danville, Virginia 24541 (a) systematics, (b) Pseudococcidae, (c) no restrictions, (d) Southeastern U.S. particularly Virginia.
22. Miss Helen M. Brookes, Systematic Entomologist, Waite Agricultural Research Institute, Private Mail Bag. No. 1, Glen Osmond, South Australia 5064, Australia (a) systematics, life histories, control, (b) Pseudococcidae, (c) no restrictions, (d) Australia.
23. Dr. Spencer W. Brown, Professor, Department of Genetics, University of California, Berkeley, California 94720 (a) genetics, systematics, life histories, (b), (c), (d) no restrictions.
24. Professor D. W. Cameron, Department of Organic Chemistry, University of Melbourne, Parkville, Victoria 3052, Australia (a) chemistry of constituents of scales, (b), (c) no restrictions, (d) Australia.
25. Michel Canard, Maitre Assistant, Laboratoire d'Entomologie, Universite Paul Sabatier, 118, Route de Narbonne, 31-Toulouse, France (a) systematics, biological control, life histories, faunistics, (b) Coccoidea, (c) Pulvinariini-Pulvinaria complex, (d) Palearctic-Mediterranean.

26. Dr. N. S. Chauhan, M.Sc. Agr., M.Sc., D.A.G., Insect Geneticist, Indian Lac Research Institute, Namkum, Ranchi, Bihar, India (a) cytogenetics, systematic, (b) Tachardiidae, (c) Kerria lacca and related species, (d) no restrictions.

27. Dr. Evelyn M. Danzig, Zoological Institute, Academy of Sciences, Leningrad, V-164, USSR (a) systematics, (b) Pseudococcidae, Coccidae, (c) polymorphic species, (d) Palearctic-Far East.

28. Dr. John A. Davidson, Associate Professor, Department of Entomology, University of Maryland, College Park, Maryland 20742 (a) systematics, life histories, chemical and biological control, (b) Diaspididae-Aspidiotini, (c) Melanaspis, Crenulaspispidiotus, (d) Nearctic.

29. H. A. Dean, Associate Professor, Texas A and M University, Agricultural Research and Extension Center at Weslaco, P. O. Box 537, Weslaco, Texas 78596 (a) pest management, biological and chemical control, distribution, life histories, (b) Diaspididae, Coccidae, Pseudococcidae, (c) Parlatoria pergandei, Aonidiella aurantii, Lepidosaphes gloverii, Coccus hesperidum, Planococcus citri and their parasites and predators, (d) Hidalgo, Cameron, Willacy, and Starr Counties in Texas.

30. Mr. G. Wallace (Wally) Dekle, Taxonomic Entomologist, Bureau of Entomology, Division of Plant Industry, P. O. Box 1269, Gainesville, Florida 32601 (a) systematics, chemical and biological control, (b), (c) scales of economic importance, (d) no restrictions.

31. Professor Dr. Zeliha Düzgünes, A. Ü. Ziraat Fakültesi Bitki Koruma Kürsüsü, Ankara, Turkey (a) systematics, chemical and biological control, life histories, (b) Diaspididae, Lecaniidae (Coccidae), Pseudococcidae, Eriococcidae, (c) Lecanium, Eulecanium, Saissetia, Quadraspispidiotus, Aonidiella, Pulvinaria, (d) Turkey and Middle East.

32. Professor Dr. Y. M. Ezzat, 9 El Kadi Abu Seif Street, Midan Soliman Goher, Dokki-Cairo, Egypt (a) systematics and control, (b) Pseudococcidae, Diaspididae, (c), (d) no restrictions.

33. José Pinto da Fonseca, Instituto Biológico, Caixa Postal 7119, São Paulo, Brasil (a) systematics, (b) "Diaspidoidea", (c) no restrictions, (d) Neotropical Region.

34. Dr. W. (Turp) Garrett, 232 Symons Hall; University of Maryland, College Park, Maryland 20742 (a) systematics, biological control, life histories, (b) Diaspididae, (c) Lepidosaphes, (d) U.S.

35. Mr. J. G. Gellatley, Special Entomologist, Department of Agriculture, Biological and Chemical Research Institute, P.M.B No. 10, Rydalmer, New South Wales 2116, Australia (a) chemical and biological control, life histories, (b) scales of orchard crops, particularly citrus, (c) Aonidiella, Ceroplastes, Gascardia destructor, (d) Australia, South Africa, Mediterranean, U.S.

36. Dr. Uri Gerson, The Hebrew University of Jerusalem, Faculty of Agriculture, POB 12, Rehovot, Israel (a) all aspects, (b) Diaspididae, Coccidae, Pseudococcidae, (c), (d) all aspects.

37. Dr. S. K. Ghose, Department of Entomology, University of Kalyani, Kalyani, West Bengal, India (a) systematics, chemical control, life histories, (b) Pseudococcidae, (c) no restrictions, (d) Palearctic (Himalayan) and Oriental.

38. Dr. J. H. Giffomee, Department of Entomology, University of Stellenbosch, Stellenbosch, Republic of South Africa (a) morphology and systematics of males; biological control, (b), (c), (d) no restrictions.

39. Mr. Ray Gill, Systematic Entomologist, Laboratory Services/Taxonomy Division of Plant Industry, California Department of Agriculture, 1220 N Street, Sacramento, California 95814 (a) systematics, biological and chemical control, (b) Coccidae, Diaspididae, (c) Coccus, (d) Southwestern U. S.

40. Mr. William F. Gimpel, Jr., Department of Entomology, University of Maryland, College Park, Maryland 20742 (a) systematics, life histories, control, (b) Coccidae, Pseudococcidae, (c) Ceroplastes, Pseudococcus, (d) North America.

41. Dr. Roberto H. Gonzalez, Plant Protection Service, Plant Production and Protection Division FAO, Via delle Terme de Caracalla, 00100 Rome, Italy (a) systematics, life histories, chemical and biological control, (b) Diaspididae, (c) no restrictions, (d) Neotropical temperate.

42. Dr. D. J. Greathead, Commonwealth Institute of Biological Control, c/o P. O. Box 7065, Kampala, Uganda (a) systematics, biological and chemical control, (b), (c) citrus scale insects, and Aulacaspis spp. affecting sugarcane, (d) no restrictions.

43. Dr. Z. K. Hadzibeyli, Institut Zashchity Rastenii, pr. T. Chavchavadze 17, Tbilisi (Georgian SSR) USSR (a) systematics, life histories, (b) Margarodidae, Monophlebidae, Ortheziidae, (c) Orthezia, Kuwania, Margarodes, Porphyrophora, etc., (d) Mediterranean and tropical areas.

44. Professor Dr. Mahmoud Hafez, Department of Entomology, Faculty of Science, Cairo University, Giza, Egypt (a) biological control, life histories, (b) Diaspididae, Pseudococcidae, (c) Lepidosaphes, Parlatoria, Saccharicoccus, (d) Middle Eastern Palearctic.

45. Robert W. Harper, Chief, Laboratory Services Division of Plant Industry, California Department of Agriculture, 1220 N. Street, Sacramento, California 95821 (a) systematics, chemical and biological control, life histories, (b), (c) scale insects of economic importance, (d) no restrictions.

46. Mr. Mohammad Hayat, Department of Zoology, Aligarh Muslim University, Aligarh (U.P.), India (a) biological control, (b), (c) pest species, (d) no restrictions.

47. Mr. C. J. Hodgson, B.Sc., FRES, Wye College, Wye, Near Ashford, Kent, England (a) systematics, ecology (host plant, predator, parasite relationships, life histories, (b) Coccidae, Conchaspidae, Lecanodiaspididae, Asterolecaniidae, (c) no restrictions, (d) Ethiopian and Palearctic.

48. Mr. F. William Howard, Department of Entomology, Louisiana State University, Baton Rouge, Louisiana 70803 (a) systematics, (b) Diaspididae, (c) no restrictions, (d) Gulf Coast, Southern U. S. especially Louisiana.

49. Dr. James Howell, Assistant Professor, University of Georgia Agricultural Experiment Station, Department of Entomology, Experiment, Georgia 30212 (a) systematics, biology, and ecology (ants associated with coccids), (b) Lecanodiaspididae, Asterolecaniidae, (c), (d) no restrictions.

50. Mr. N. M. Hudson, Senior Entomologist, Department of Agriculture, New Town Research Laboratories, New Town, Tasmania 7008, Australia (a) systematics, life histories, differences in first instars, (b) Diaspididae, (c) Quadraspispidiotus of fruit trees, Phenacaspis, Mytilaspis, (d) Australia.

51. V. A. Jasnosh, Georgian Research Institute of Plant Protection, Tbilisi 79, pr. Chavchavadze 17, 380079 USSR (a) biological control, (b), (c), (d) no restrictions.

52. Dr. Warren T. Johnson, 315 Plant Sciences Building, Cornell University, Ithaca, New York 14850 (a) biology and control, (b), (c) scales of ornamental plants, (d) no restrictions.

53. Dr. M. Kaussari, Ministry of Agriculture, Plant Protection, Tehran, Iran (or) Darrousse Av. Dr. Ossanlou, Rue Kaussari N 32, Tehran, Iran (a) systematics, biological control, life histories, (b), (c), (d) no restrictions.

54. Dr. Shozo Kawai, Tokyo Agricultural Experiment Station, 3-10 Fujimi-cho, Tachikawa, Tokyo, Japan (a) systematics, (b) Diaspididae, Pseudococcidae, (c) no restrictions, (d) Japan.

55. Professor Dr. Zbigniew Kawecki, Inst. Biol. Podstau Hodowli Zwierzat, Warszawa, ul. Rakowiecka 26/30, Poland (a) systematics, life histories, (b) Lecaniidae, Diaspididae, Margarodidae, Asterolecaniidae, (c) Lecanium, Poryphyrophora, Asterodiaspis, (d) Palearctic.

56. Dr. Halina Komosinska, Inst. Biol. Podstau Hodowle Zwierzat, Warszawa, ul. Rakowiecka 26/30 Poland (a) systematics, life histories, ecology, morphology, (b) Diaspididae, etc., (c) no restrictions, (d) Palearctic and warm areas.

57. Dr. Michael Kosztarab, Professor, Department of Entomology, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061 (a) systematics, catalogs, (b) Lecanodiaspididae, Asterolecaniidae, Pseudococcidae, (c) Lecanodiaspis, Cerococcus, Antonina, (d) no restrictions.

58. Dr. Jan Koteja, Institute of Applied Zoology, College of Agriculture, al. Mickiewicza 24, Cracow, Poland (a) systematics, life histories, experimental biology, (b) Pseudococcidae, Eriococcidae, Coccidae, (c) Eriopeltis group, (d) Palearctic.

59. Dr. Costas A. Kouskelekas, Department of Zoology-Entomology, Auburn University, Auburn, Alabama 36830 (a) chemical control, life histories, (b) Diaspididae, Margarodidae, (c) Fiorinia theae, Margarodes meridionalis, (d) Alabama.

60. Mr. N. L. H. Krauss (retired), 2437 Parker Place, Honolulu, Hawaii 96822 (a) biological control, distribution in Pacific Islands, (b), (c) no restrictions, (d) Oceania (Pacific Islands).

61. Mr. Paris Lambdin, Department of Entomology, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061 (a) systematics, life histories, evolution, (b) Lecanodiaspididae, (c), (d) no restrictions.

62. Commander Abdul Latif, TQA, 82-A, New Muslim Town, Lahore, Pakistan (a) control, (b) Pseudococcidae, (c) no restrictions, (d) Pakistan.

63. Kozár Ferenc, Növényvédő Állomás, Csopak, Hungary (a) systematics, chemical and biological control, life histories, (b) Pseudococcidae, Coccidae, Diaspididae, (c) Quadraspispidiotus perniciosus, (d) Palearctic.

64. Claude Louis, Chargé de Recherches, INRA, 30-St. Christol, France
(a) symbiosis, systematics, biological control, life history, electron microscopy, (b) Pseudococcidae, Monophlebidae, "Lecanins", Diaspididae, (c) Pseudococcus, Planococcus, Dysmicoccus, (d) no restrictions.

65. Dr. Raul MacGregor, Instituto de Biología, Ciudad Universitaria, Mexico 20, D.F. Mexico (a) systematics, life histories, (b), (c) no restrictions, (d) Nearctic and Neotropical Regions.

66. Mme. Danièle Matile-Ferrero, Laboratoire d'Entomologie Générale et Appliquée, Assistante, Muséum National d'Histoire Naturelle, 45 bis rue Buffon, Paris 5^e, France (a) systematics, biological control, life histories, biogeography, (b) Diaspididae, Pseudococcidae, etc., (c) Rhizoecus, Ripersia s.l., Scissetic s. l., (d) Palearctic, and tropical Africa and America.

67. Dr. Charles W. McComb, Assistant Entomologist, Maryland State Board of Agriculture, College Park, Maryland 20742 (a) life histories, chemical control, (b), (c) no restrictions, (d) Eastern U. S.

68. Dr. Burrus McDaniel, Professor, Department of Entomology-Zoology, South Dakota State University, Brookings, South Dakota 57006 (a) systematics, life histories, (b), (c), (d) no restrictions.

69. Ian W. McLaren, Entomologist, Victorian Plant Research Institute, Burnley Gardens, Swan Street, Burnley, Victoria 3121, Australia (a) biological control, population dynamics, (b) Diaspididae, Pseudococcidae, (c) Aonidiella aurantii, Quadrastichus perniciosus, Aspidiotus hederae, Pseudococcus adonidum (=longispinus), (d) Southeastern Australia particularly Victoria.

70. Mr. B. P. Mehra, Junior Insect Ecologist, Indian Lac Research Institute, Namkum, Ranchi-10, Bihar, India (a) chemical and biological control, (b) Tachardiidae, (c) Kerria especially lacca, Tachardiella, (d) no restrictions.

71. Dr. Douglass R. Miller, Research Entomologist, Systematic Entomologist, Systematic Entomology Laboratory, USDA, ARS, ARC-West, Beltsville, Maryland 20705 (a) systematics, life histories, zoogeography, (b) Pseudococcidae, Eriococcidae, (c) Heterococcus, Eriococcus, (d) New World.

72. Mrs. Emily R. Morrison, 67 Gorham Street, Canandaigua, New York 14424 (a), (b), (c), (d) no restrictions.

73. Mr. Sugo Nakahara, Entomologist, APHIS, USDA, ARC-West, Beltsville, Maryland 20705 (a) systematics, life histories, (b) Diaspididae, Coccidae, (c), (d) no restrictions.

74. Dr. R. F. Nash, Assistant Professor, Department of Entomology and Economic Zoology, Clemson University, Clemson, South Carolina 29631 (a) systematics, chemical control, life histories, (b), (c), (d) no restrictions.

75. Dr. Uzi Nur, Department of Biology, University of Rochester, Rochester, New York 14627 (a) genetics, cytology, (b) Lecaniidae, Pseudococcidae, (c), (d), no restrictions.

76. Professor F. Ossiannilsson, Department of Plant Pathology and Entomology, S-750 07, Uppsala 7, Sweden (a) systematics, life histories, (b), (c) no restrictions, (d) Scandinavia, Finland.

77. Dr. André Panis, Station de Zoologie et de Lutte Biologique, 37 Boulevard du Cap, Cc Antibes, France (a) systematics, biological control, ecology, biology, (b) Pseudococcidae, Coccidae, (c) Pseudococcus, Planococcus, Rhizoecus, Soissetia, Coccus, Pulvinaria s. l., Ceroplastes s. l., (d) France, Mediterranean area.

78. J. H. H. Phillips, P. O. Box 185, Research Station, Vineland Station, Ontario, Canada (a) systematics, integrated control, (b) Coccidae, (c) (Eu) Leccanium, Pulvinaria, (d) Northeastern U.S., Southeastern Canada.

79. Dr. Dale K. Pollet, Assistant Professor, Department of Entomology, Clemson University, Clemson, South Carolina 29631 (a) biology, control, systematics, (b) Coccidae, (c) Ceroplastes, (d) no restrictions.

80. V. P. Rao, Entomologist in Charge, Commonwealth Institute of Biological Control, Indian Station, P. O. Box 603, Bangalore, India (a) systematics, biological control, life histories, (b) Diaspididae, (c) no restrictions, (d) Southeast Asia.

81. Dr. Mlle. Claude Richard, Entomologie, Museum National d'Histoire Naturelle, 75-Paris 5^e, France (a) systematics, genetics, biological control, life histories, biogeography, (b) Stictococcidae, (c) Stictococcus, (d) Intertropical Africa.

82. Paul T. Riherd, General Entomologist, P. O. Box 247, La Feria, Texas 78559 (a), (b), (c), (d) no restrictions.

83. Dr. W. Gerald Robison, Jr., Senior Staff Fellow, Laboratory of Vision Research, Building 6, Room 211, NIH, Bethesda, Maryland 20014. (a) genetics, cytology, sperm morphology, (b), (c), (d) no restrictions.

84. Dr. David Rosen, Senior Lecturer in Entomology, Department of Entomology, Faculty of Agriculture, P. O. Box 12, Rehovot, Israel (a) biological control, life histories, systematics, (b) Diaspididae, Coccidae, Pseudococcidae, (c) use of Aphytis and Aphelinidae and Encyrtidae as scale control agents, (d) Israel.

85. Miss Louise M. Russell, Investigations Leader, Systematic Entomology Laboratory, USDA, ARS, ARC-West, Beltsville, Maryland 20705, (a) systematics, (b) Asterolecaniidae, (c), (d) no restrictions.

86. Dr. H. S. Salama, Laboratory of Plant Protection, National Research Centre, Dokki, Cairo, Egypt (a) chemical control, life histories, ecology, and physiology, (b), (c), (d) no restrictions.

87. Dr. T. Sankaran, Entomologist, Commonwealth Institute of Biological Control, Indian Station, P. O. Box 603, Bangalore-6, India (a) systematics, life histories, biological control, (b), (c), (d) no restrictions.

88. Dr. George Scheibebeiter, Commonwealth Institute of Biological Control, P.O. Box 3785, Kumasi, Ghana (a) biological control, (b), (c) no restrictions, (d) Ethiopian Region.

89. Professor H. Schmutterer, Institut fur Phytopathologie, Ludwigstr. 23, 63 Giessen, West Germany (a) life histories, control, natural enemies, (a) Coccidae, Pseudococcidae, Diaspididae, (c), (d) no restrictions.

90. Mr. Sheikh Adam Shafi, Department of Zoology, Aligarh Muslim University, Aligarh (U.P.), India (a) biological control, (b), (c), (d) no restrictions.

91. Mr. Edward S. Shiroma, Entomology Area Identifier, Quarantine Inspection Division, USDA, APHIS, P. O. Box 9067, Honolulu, Hawaii 96820 (a) systematics, (b), (c), (d) no restrictions.

92. Mr. G. J. Snowball, Officer in Charge, CSIRO, Division of Entomology, Biological Control Station, Mrs. Macquaries Road, Sydney, New South Wales, 2000 Australia (a) biological control, (b) Coccidae, Diaspididae, (c) Gascardia, Ceroplastes, Aonidiella, Lepidosaphes, Chrysomphalus, Unaspis, (d) Australia.

93. Dr. Manya B. Stoetzel, Department of Entomology, University of Maryland, College Park, Maryland 20742 (a) systematics, life histories, parasites, predators, (b) Diaspididae, (c) Aspidiotini, (d) no restrictions.

94. Dr. D. J. J. H. Szent-Ivany, Ph.D., PRES, Maitland 32 Addison Avenue, Athelstone, South Australia 5076, Australia (a) biological and chemical control, symbiosis, zoogeography, host plant relationships, (b), (c) no restrictions, (d) Indo-Australia.

95. Dr. Sadao Takagi, Entomological Institute, Faculty of Agriculture, Hokkaido University, Sapporo, Japan (a) systematics, (b) Diaspididae, Pseudococcidae, (c) no restrictions, (d) Eastern Asia.

96. Dr. Yoshio Tamaki, Division of Entomology, National Institute of Agricultural Sciences, Nishigahara, Kita-ku, Tokyo, Japan (a) biochemistry, (b) Coccidae, (c) Ceroplastes, (d) no restrictions.

97. E. M. Terekhikova, Institute of Zoology, Academy of Sciences, Lenina, 15, Kiev-650, USSR 252650 (a) systematics, (b) Ortheziidae, Margarodidae, Pseudococcidae, Eriococcidae, Kermococcidae, Coccidae, Asterolecaniidae, Diaspididae, (c) no restrictions, (d) Palearctic.

98. Dr. H. H. Tippins, Acting Head, Department of Entomology, Georgia Experiment Station, Experiment, Georgia 30212 (a) systematics, biological and chemical control, life histories, (b) Diaspididae, (c) groups with sexual dimorphism of second instars, (d) no restrictions.

99. Juan Salazar Torres, Agronomy Engineer, Chief-Division of Entomology, Ministerio de Agricultura, Avenida Salaverry 10° Piso, Lima, Peru (a) systematics, biological control, dispersal area, (b) Pseudococcidae, Coccidae, Diaspididae, (c) Central and South America, (d) no restrictions.

100. Dr. E. Tremblay, Instituto di Entomologia Agraria, Universita di Napoli, 80055-Portici, Italy (a) systematics, biological control, endosymbiosis, (b), (c), (d) no restrictions.

101. Dr. G. P. Tulsyn, Department of Zoology, Ranchi University, Ranchi-8, India (a) cytology, genetics, anatomy, physiology, development, endocrinology, (b) Lacciferidae, Margarodidae, (c) Kerria lacca, Ferrisia virgata, Nipseuccus, Icerya, (d) India.

102. Dr. R. K. Varshney, Zoologist, Zoological Survey of India, Gangetic Plains Regional Station, Rajendra Nagar, Road No. 7, Patna-16, Bihar, India (a) systematics, nomenclature, life histories, host plants, physiology, predators, parasites, (b) Tachardiidae, (c) Kerria particularly K. lacca, (d) Indian area.

103. Paul Vayssi  re, Professeur honor, Museum National d'Histoire Naturelle, 57 Rue Cuvier, Paris V  , France (a) systematics, biological and chemical control, life histories, (b) Margaretid  e, (c), (d) no restrictions.
104. Miss A. Ward, Editor, Insect Control, Paris Office, 56 Grays Inn Road, London WC1 X 8LU, England (a) systematics, chemical and biological control, (b), (c), (d) no restrictions.
105. Dr. John A. Weidhaas, Jr., Extension Specialist, Entomology, Price Hall, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061 (a) control, life histories, host records, (b), (c), (d) no restrictions.
106. Professor Dr. H. Weidner, Universit  t Hamburg, Zoologisches Institut und Zoologisches Museum, 2 Hamburg 13, Von-Helle Park 10, West Germany (a), (b), (c), (d) no restrictions.
107. Mr. R. F. Wilkey, Arthropod-Slide mounts, 118 W. Cherry Street, (P. O. Box 185), Bluffton, Indiana 46714 (a) systematics, life histories, (b), (c), (d) no restrictions.
108. Dr. Mike L. Williams, Assistant Professor, Department of Zoology-Entomology, Auburn University, Auburn, Alabama 36830 (a) systematics, biology, (b) Coccidae, (c) Lecanium, Tourneyella, (d) North America.
109. Dr. J. R. Williams, Mauritius Sugar Industry Research Institute, Reduit, Mauritius (a) life histories, biological control, (b) Diaspididae, (c) Aulacaspis, (d) no restrictions.

The contents of future newsletters will be as follows: (1) Updating the list of persons interested in scale insects, (2) A list of papers dealing with scales published since the last newsletter. Papers will be included only if a copy has been received by the editor. (3) Notes of interest to coccidologists. These should be submitted to the editor and should be no longer than 1 typewritten page. (4) Announcements of meetings. (5) Questions about scale problems. (6) Needs-e.g., Need to have someone assist in the identification of Mexican Pseudococcus. Please write: Joe Doe. Need specimens of Ceroplastes from Chile. Please write: John Smith. Etc. (7) Positions available for Coccidologists. (8) Persons looking for positions.

The newsletter will be sent out at irregular intervals, depending upon the amount of submitted material. I am hopeful that it will come out at least twice a year.

Submittals should be sent to: Douglass R. Miller, ARS, Systematic Entomology Lab., Agric. Research Center (W), Beltsville, Maryland 20705.

Exchanges

I am attempting to work up a list of people interested in exchanging specimens. If you are interested please send your name along with the type of Coccoidea material which you wish to receive to D. R. Miller. This list will be included in a future newsletter.

Coccoidea Meetings

We are presently trying to organize the "Fourth Coccoidea Symposium". Although the meeting is still in the planning stages, we are hopeful that it will be held in November, 1973 in Dallas, Texas as one of the symposia presented at the National Meetings of the Entomological Society of America. When (if) the symposium is finalized, I will give further details in a future newsletter. D. R. Miller.

